



Orchestration.
Resilience.
Coordination.
Automation.

Built to Stay Running. The Warehouse Management Platform Built for Always-On Operations.

Warehouse operations are becoming more automated, more distributed, and more critical to business performance. At the same time, many warehouse systems have moved fully to the cloud – creating new dependencies on connectivity, latency, and centralized infrastructure.

ORCA introduces a new approach designed specifically for operational environments:

A hybrid warehouse management platform that keeps operations running while delivering the flexibility of the cloud.

Why the Next Generation of WMS is Hybrid

For many business systems, cloud-only deployment works well. But warehouse execution is different. Robotics, conveyors, picking operations, and shipping workflows depend on real-time decisions inside the facility. Even brief disruptions can slow or stop operations.

Industry research shows that nearly 80% of organizations estimate warehouse downtime costs at \$5,000/hour or more, with some reporting losses exceeding \$100,000 per hour.*

As automation increases, maintaining operational continuity becomes critical to protecting throughput, service levels, and customer trust. ORCA combines local execution with cloud intelligence so warehouse operations continue running even when connectivity is disrupted.



Local Execution + Cloud Intelligence

ORCA runs critical warehouse execution locally within the facility while using the cloud for analytics, reporting, and system coordination. This approach delivers the best of both worlds.

01 | Operational Continuity

Warehouse execution continues even if cloud connectivity is interrupted.

02 | Faster Automation Response

Local processing enables faster coordination with robotics, conveyors, and automation systems.

03 | Enterprise Visibility

Cloud connectivity provides centralized reporting, performance analytics, and multi-site management.

04 | Flexible Deployment

Modern edge infrastructure eliminates the complexity traditionally associated with on-premise systems.

05 | Lower Long-Term Infrastructure Costs

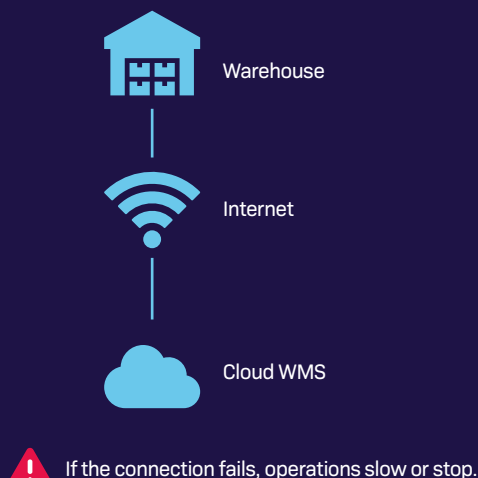
Compact edge servers combined with cloud services often reduce hosting and infrastructure costs compared to traditional deployments.

06 | Enhanced Security

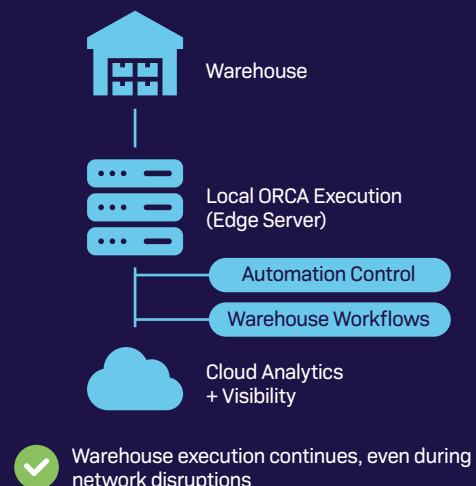
Reduce risk by limiting dependency on external systems, using local execution and controlled cloud connectivity to protect operations from network and cloud-related disruptions.

Why Hybrid Architecture Keeps Warehouses Running.

Cloud-only WMS



Hybrid WMS (ORCA)



Why ORCA?



Always-On Operations

ORCA is designed to maintain operational continuity even when network conditions change. Local execution ensures warehouse processes continue running without disruption.



Hybrid Architecture

Local execution powers real-time warehouse workflows while cloud services deliver analytics, visibility, and network coordination.



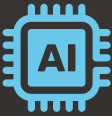
Built for Automation

Coordinate goods-to-person systems, robotics, sortation, and traditional warehouse processes within one unified orchestration platform.



Intelligent Decision Support

Embedded AI provides operational insights, helping teams identify issues, monitor performance, and make faster decisions.



AI-Powered Support

AI assistance helps teams resolve issues, answer questions, and maintain productivity across warehouse operations.



Scales Across Your Network

Deploy across multiple warehouses with centralized visibility while maintaining site-level autonomy.

Who ORCA is Built for:

- ✓ Automated distribution centers
- ✓ 3PL and multi-client warehouses
- ✓ Retail and e-commerce fulfillment operations
- ✓ High-throughput logistics environments
- ✓ Large-scale warehouse networks



Key Capabilities

01

Automation Orchestration

Integrate robotics, ASRS, AMRs, and manual workflows within one coordinated system.

02

Multi-Site Network Visibility

Manage distributed warehouse networks with centralized reporting and control.

03

Warehouse Intelligence

AI-assisted monitoring highlights operational risks and performance opportunities.

04

Hybrid Deployment Model

Combine local operational control with cloud-based analytics and coordination.

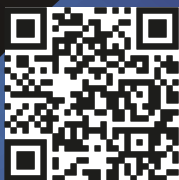
The Future of Warehouse Operations

Warehouse technology is evolving rapidly. Automation is increasing, distribution networks are expanding, and operational uptime has never been more important.

ORCA is designed for this new reality – combining resilience, intelligent orchestration, and scalable architecture in a modern warehouse management platform.

Start Building Always-On Warehouse Operations

ORCA is designed for operational environments where downtime isn't an option. If you're exploring how to modernize your warehouse systems while maintaining performance and resilience, we'd be happy to show you how a hybrid approach can work in practice.



Learn more at:
www.synergylogistics.ai



orca

